

# WOODINVILLE HIGH SCHOOL



## Advanced Placement Program 2023-24



*"Commit to excellence and  
a challenge to excel."*

## ADVANCED PLACEMENT AT WOODINVILLE HIGH SCHOOL

The Advanced Placement™(AP) program at Woodinville High School is a cooperative educational program created by the College Board that offers college-level curricula, examinations, and possible college credit while students pursue their education at a high school known for academic and extra-curricular excellence and accommodating and meeting the needs of its students.

### For Students Who Want a Challenge

- Rigorous and complex subject matter in over 30 courses, across a wide spectrum of subject areas, is presented in a discussion, lecture, and testing format.
- Covering more material than traditional courses, AP classes require college-level research, writing, and analysis.
- Challenging as introductory college courses, AP coursework experience can ease a student's academic transition from high school to first-year college student.
- AP classes attract and challenge highly motivated students wishing to excel academically and also serve the highly capable student in the high school setting.
- AP students can explore individual strengths in an environment that supports academic achievement in all areas and disciplines across seven different content departments.

### High Standards

- The AP Program supports educational reform focused on increased standards, testing, and mastery certification; striving to raise the bar in this complex and competitive 21<sup>st</sup> century work environment and global economy.
- The work is challenging, but the reward is great, and AP classes signal to admissions officers that a student is ready for college-level work.
- The AP Program at WHS provides an opportunity for students to take classes that have all the rigor and expectations found in the college setting while allowing these students to take advantage of the diversity of activities and leadership positions available at a large comprehensive high school.

### Taught by Qualified Staff

- The faculty at Woodinville High School, many with master's degrees, doctorates, and national board certifications has enthusiastically embraced AP as a quality program that allows them to teach advanced material to interested and thoughtful students.
- All teachers of AP courses must exhibit thorough subject knowledge and attend AP seminars and summer workshops to help ensure the highest efficacy possible.
- The AP Program has been built on the partnership and commitment between students and educators from both secondary schools and higher education. College faculty review every AP teacher's course syllabus.

### A Conscious Choice

- Woodinville High School has chosen the academically rigorous AP Program because it is designed to prepare our students to succeed and prosper in college, university, or vocational settings in preparation for a future career.
- For the motivated learner, the AP environment offers a clear perspective on university methods and expectations, and upon passage of the spring exams may lessen the burden of first-year college tuition expenses.
- The AP Program provides the tools needed to succeed in college and meets the needs of both the dedicated student and the concerned parent.

## NATIONAL & GLOBAL RECOGNITION

### A Program with Global and National Credibility

- Students take pride in nationally recognized achievement that better prepares them to continue their education in whatever area they choose.
- The Advanced Placement path has the support and respect of universities across the United States and Canada and in over 100 other countries around the world.
- Every aspect of AP course and exam development is the result of collaboration between AP teachers and college faculty. They work together to develop AP courses and exams, set scoring standards, and score the exams lending to the program's national and global recognition.
- WHS has earned national honors as a Silver Medal Best High School recipient in *U.S. News & World Report* magazine largely credited to our high-quality Advanced Placement program.

## ADVANCED PLACEMENT Q & A

### Many of our students now carry heavy course schedules. Why should we add to their load?

*Course load refers to both the number of courses and the level of difficulty. Taking an Advanced Placement course does not necessarily add to the number of courses, since the AP course replaces other requirements. It is true that AP courses are more difficult than other high school classes, but some students in their junior and senior years do not challenge themselves in a way that prepares them for difficult college courses. Students who seem capable of successfully carrying one or more courses should be encouraged to meet the more demanding requirements.*

### How does the AP class differ from a traditional honors class?

*Since college credit may be earned/granted upon passage of the AP Exam, the rigor of the course is significantly greater than traditional honors courses.*

### How are AP students selected?

*WHS has an open enrollment policy for AP courses.*

### Should students who take an AP course take the AP examination?

*We encourage all students to take the exam in the spring. AP Exams are an integral part of an AP course. The exam grade provides an important payoff to students in terms of college credit and advanced placement. Exam results also give AP teachers and administrators important feedback on the strengths and weaknesses of their AP courses. The fee for each AP Exam varies slightly year-to-year and is approximately \$104.*

## AP QUICK FACTS

- Provides college credit opportunity for courses and examinations successfully taken in high school.
- Exempts students from some introductory college courses, thus permitting students to move more quickly into upper-level classes.
- Motivates students to attempt more challenging courses in both high school and college.
- Develops the analytical and study skills required to succeed in college courses.
- Reduces college costs and time to obtain a degree.
- Provides direction in selecting college majors.

## AP CAPSTONE DIPLOMA PROGRAM

AP Capstone™ is an innovative and engaging college-level diploma program developed in response to feedback from higher education. Based on two yearlong AP courses, AP Seminar and AP Research, students focus on developing the critical thinking skills, research, collaboration, time management, and presentation skills needed for college-level work.

The first year of the AP Capstone program students take the AP Seminar course where they investigate a variety of topics through various viewpoints of their choice, considering an issue from multiple perspectives, identifying credible sources, evaluating strengths and weaknesses or arguments, and making logical, evidence-based recommendations.

The second year of the program, students take the AP Research course where they explore various research methods and complete an independent research project. The project can build on a topic, problem or issue covered in AP Seminar or on a brand-new topic of their own choosing. At the end of the project, students submit an academic paper and present and defend their research findings. These components contribute to the overall AP Research score. There is no end-of-course exam.

If a student earns scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choice, they'll receive the AP Capstone Diploma. If a score of 3 or higher is earned in AP Seminar and AP Research, students receive the AP Seminar and Research Certificate.

### APS110A/B – AP SEMINAR

Length/Credit: Full Year/1 credit

Grade: 10, 11

Prerequisite: None

Diploma Category: Flexible Credit

Fees: Optional for students choosing to take the AP exam in the Spring.

Financial aid available, please see your counselor.

AP Capstone™ is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. This course is the first of a set of two classes for students who wish to pursue an AP Capstone diploma.



## FLEXIBLE CREDIT

### SSG440A/B - AP HUMAN GEOGRAPHY +

Length/Credit: Full Year/1 Credit

Grade: 9, 10, 11, 12

Diploma Category: Flexible Credit

*Prerequisite: None*

*Fees: Optional for students choosing to take the AP exam in the Spring.*

*Financial aid available, please see your counselor.*

*Diploma Category: Flexible Credit*

*Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. This is a demanding course with a significant homework requirement.

## ARTS – VISUAL & PERFORMING

### APA150A/B - AP STUDIO ART

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: The Arts

*Prerequisite(s): Advanced Art or Art Teacher permission required with presentation of Art Portfolio.*

*Fees: Optional for portfolio presentation in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students submit a portfolio for evaluation in the spring.*

The AP Studio Art program makes it possible for highly motivated high school students to do college-level artwork. During this yearlong course, each student will prepare and submit a portfolio of 15 works for evaluation at the end of the school year by the AP College Board. AP Studio teaches the development of concepts, composition, and drawing techniques to create a portfolio for college entrance. A Sustained Investigation of works based on the student's individual interest in a particular area, and focuses on the process of investigation, growth, and discovery. Students will focus on the 2-D portfolio options incorporating media such as Drawing, Painting, Collage, Printmaking, and Mixed Media Artwork. This class may be repeated multiple times.

### APA155A/B - AP STUDIO ART: 2-D Design Portfolio

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: The Arts

*Prerequisite(s): AP Studio Art Drawing, Advanced Art or Art Teacher permission required with presentation of Art Portfolio*

*Fees: Optional for portfolio presentation in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students submit a portfolio for evaluation in the spring.*

This yearlong course is designed for the serious art student who is interested in the pursuit of college level artistic development and in art as a possible career. AP Studio Art: 2-D Design is an intensive investigation of art concepts, media, and techniques after completing the AP Studio Art: Drawing Portfolio (and optionally after taking Advanced Art). This class will offer students the opportunity to further master their skills in communicating concepts visually, developing their artistic voice, creating strong compositions and increasing techniques in various art media that emphasize the effective utilization of the Principles of Art and Design. Students will submit a portfolio of 15 works to the College Board in the spring which emphasizes an innovative Sustained Investigation of work that showcases a variety of diverse artmaking techniques.

### MUS350A/B - AP MUSIC THEORY

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: The Arts

*Fees: Optional for students choosing to take the AP exam in the Spring.*

*Financial aid available, please see your counselor.*

*Other Info: Students are encouraged to take the AP Music Theory exam in the spring for potential college credit.*

The AP Music Theory class will be offered to all students who wish to further their understanding of reading music, as well as listening to music. This class focuses on music literacy and goes in-depth on how the formulation of written music progressed throughout history. If you appreciate wonderful music, wish to become a better musician, or want to sign up for an AP class that involves listening to music, then this is the class for you. We will practice analyzing sheet music, reading musical notation, listening and responding to music, and even compose original music. Prior musical knowledge is expected. It is not required but is highly recommended that students have previously studied music, participated in a performing ensemble, achieved competency in a primary instrument, or have the ability to read music in one or more clefs.

## BUSINESS

### BEC301/BEC300 - AP MICRO/MACRO ECONOMICS

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students are encouraged to take the AP tests (Microeconomics AND Macroeconomics) in the spring for potential college credit.*

Students will start the year learning AP Microeconomics, which is the study of how individuals and businesses make decisions. It includes topics such as: incentives, supply and demand, business costs, market structures, and the government's role in the marketplace. Second semester focuses on AP Macroeconomics, which is the study of the economy as a whole. It includes topics such as: International trade and exchange rates and how interest rates, taxes and government policies influence investment, unemployment, inflation and economic growth. AP Economics is a fast-paced, challenging and exciting course for any motivated student. Students who are successful in this course will be prepared to take BOTH the AP Macroeconomics and AP Microeconomics exams in the spring.

## ENGLISH

### ENG155A/B - PRE-AP ENGLISH 9

Length/Credit: Full Year/1 Credit

Grade: 9

Diploma Category: English 9

*Prerequisite: None*

This course establishes the skills necessary for a successful progression of learning for advanced high school ELA coursework. Students will be introduced to fundamentals of close observation, critical analysis, and the author's craft. Students will engage in readings that attend to small details within a text that deepen the meaning of the whole passage. Students will also write complex sentences that lead to lengthier writing. In addition, vocabulary will be enhanced and speaking skills will be practiced in this course.

### ENG255A/B - PRE-AP ENGLISH 10

Length/Credit: Full Year/1 Credit

Grade: 10

Diploma Category: English 10

*Prerequisite: None*

This course prepares sophomores for rigorous Advanced Placement (AP) programs as it builds upon previous learning from Pre-AP English 9 with new and more complex literary and informational texts. As writers, students will compose analytical essays with a focus on craft and cohesion. Students will engage with content related to argument, persuasion in literature, voice in synthesis, and purpose in

poetry and prose.

### **ENG475A/B - AP ENGLISH LANGUAGE & COMPOSITION**

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: English 11, 12

*Fees: Optional for students choosing to take the AP exam in the Spring.*

*Financial aid available, please see your counselor.*

*Prerequisite: None*

*Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

AP English Language and Composition is an introductory college-level composition course that culminates with the AP English Language and Composition exam in the spring. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situations, claims and evidence, reasoning and organization, and style.

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods.

There are no prerequisite courses for AP English Language and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

### **ENG480A/B - AP ENGLISH LITERATURE AND COMPOSITION**

Length/Credit: Full Year/1 Credit

Grades: 11, 12

Diploma Category: English 11, 12

*Prerequisite: None*

*Fees: Optional for students choosing to take the AP exam in the Spring.*

*Financial aid available, please see your counselor.*

*Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

Advanced Placement Literature and Composition is a year-long, college-level course that culminates with the AP Literature and Composition exam in the spring. Students will participate in reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students will engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

There are no prerequisite courses for AP English Literature and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

## **MATHEMATICS**

### **MPC250A/B - AP PREP PRE-CALCULUS**

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: 3rd Credit of Math or Algebra I

*Prerequisite: Algebra II or Algebra II/Trigonometry*

*Other Info: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that*

*students purchase their own personal calculator, however the school will provide a calculator as needed.*

The breadth and depth of this course are greater than that of Precalculus. This course covers the Precalculus content with greater breadth and depth at a college level of rigor. Students will continue to build and expand upon their understanding of functions and equations to include quadratic, exponential, logarithmic, polynomial, rational, radical, power, and trigonometric functions. The purpose of this course is to prepare students for Calculus the following year.

### **MCA110A/B - AP CALCULUS AB**

Length/Credit: Full Year/1Credit

Grades: 9, 10, 11, 12

Diploma Category: 3rd Credit of Math or Algebra I

*Prerequisite: Precalculus or AP Prep Precalculus*

*Fees: Optional for students choosing to take the AP exam in the Spring.*

*Financial aid available, please see your counselor.*

*Other Info: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed.*

The first semester of the course is equivalent to Math 151 (Differential Calculus). Both programs include a conceptual development, a formal development, and applications of basic differential and integral calculus. Emphasis is on process, problem solving, and clear communication of ideas and techniques. Students will have the option of taking the AP 'AB' Exam in the spring.

### **MCA111A/B - AP CALCULUS BC**

Length / Credit: Full Year / 1.0

Grade: 10, 11, 12

Diploma Category: 3rd Credit of Math or Algebra I

*Prerequisite: AP Calculus AB*

*Fees: Optional for students choosing to take the AP exam in the Spring.*

*Financial aid available, please see your counselor.*

*Other Info: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

AP Calculus BC/II is a course designed for students who have successfully completed Calculus AB/I. The first semester of this course is equivalent to Math 152 (Integral Calculus). The curriculum builds on Calculus AB/I and extends to cover a second quarter and part of a third quarter of college calculus. Topics of study may include advanced integration techniques and applications, functions of several variables, parametric and polar functions, sequences and series, and vectors in R2 and R3.

### **MCA130A/B - AP STATISTICS**

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Diploma Category: 3rd Credit of Math, Geometry, or Algebra I

*Prerequisite: Algebra II or Algebra II/Trigonometry*

*Fees: Optional for students choosing to take the AP exam in the Spring.*

*Financial aid available, please see your counselor.*

*Other Info: High School level math courses require students to use a graphing calculator such as TI-83/TI-84. It is recommended that students purchase their own personal calculator, however the school will provide a calculator as needed. Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

This course is designed to offer a continued study of quantitative thinking in the areas of statistics and probability. Throughout this course students will be introduced to the major concepts and tools for collecting and analyzing data as it relates to four conceptual themes:



exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This course reflects the content of a typical introductory college level statistics course. This course may be taken concurrently with another mathematics course offering.

## SCIENCE

### **SCB181A/B – PRE AP BIO/CHEMISTRY**

Length / Credit: Full Year / 1.0

Grade: 9

Diploma Category: Lab Science or 3rd Credit of Science

Prerequisites: Algebra II or concurrent enrollment in Algebra II

Fees: None

This course is designed to give students interested in science and intending to take AP Biology and/or AP Chemistry the strong foundation in content and scientific practices necessary to succeed without taking two years of coursework to do so. The curriculum is aligned to the NGSS high school performance expectations for biology and chemistry and emphasizes experimental methodologies. Students will participate in developing scientific questions, plan and implement scientific investigations, analyze data, and formulate scientific explanations in this demanding and engaging course.

### **SCB180A/B - AP BIOLOGY**

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Diploma Category: Lab Science or 3rd Year of Science

Prerequisite: Chemistry or Concurrent Enrollment in Chemistry

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advanced Placement (AP) Biology is a year-long college level course designed to prepare students to do well on the AP Biology exam in the spring. Students cultivate their understanding of biology through inquiry-based investigations and hands-on science laboratory work as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

Students will be able to describe how to collect data, use data to form conclusions, and apply their conclusions to larger biological concepts. Students will report recorded data and quantitative conclusions drawn from the data with appropriate precision. Students will also develop an understanding of how changes in the design of the experiments will impact the validity and accuracy of their results.

This course meets college entrance requirements for an algebra-based science.

### **SCC160A/B - AP CHEMISTRY**

Length / Credit: Full Year / 1.0

Grade: 10, 11, 12

Diploma Category: Lab Credit or 3rd Credit of Science

Prerequisite: Chemistry

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advance Placement (AP) Chemistry is a year-long, introductory college-level course designed to prepare students for the AP Chemistry exam in the spring. Students will delve more deeply into the concepts covered in first-year chemistry. Students will cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

This class will encompass the same materials as covered in Chemistry 140-160 at the University of Washington (and most other college General Chemistry courses). The class will pick up where Chemistry left off, moving quickly into the application of equilibrium concepts to gaseous, ionic and acid-base systems.

### **SCP181A/B - AP PHYSICS 1**

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Diploma Category: Lab Science or 3rd Credit of Science

Prerequisite: Algebra II or Algebra II/Trig or Concurrent Enrollment in Algebra II or Algebra II/Trig

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advanced Placement (AP) Physics 1 is the equivalent to a first-semester college course in algebra-based physics. This course is designed to prepare students for the AP Physics I exam in the spring. AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion. Students will engage in hands-on science labs and keep a lab notebook throughout the course.

### **SCP182A/B - AP PHYSICS 2**

Length / Credit: Full Year / 1.0

Grade: 10, 11, 12

Diploma Category: Lab Science or 3rd Credit of Science

Prerequisite: AP Physics I or Physics

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

Advanced Placement (AP) Physics 2 is the equivalent to a second-semester college course in algebra-based physics. This course prepares students for the AP Physics 2 exam for the spring. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.

### **SCE200A/B - AP ENVIRONMENTAL SCIENCE**

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Diploma Category: Lab Credit or 3rd Credit of Science

Prerequisite: None

Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.

Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.

The class will provide students with an understanding of the scientific principles that govern interrelationships in the natural world. Important environmental issues will be explored and the comparative risks of environmental problems will be evaluated. Specific focus will be given to current and future challenges will be high



## SOCIAL STUDIES

### **SSW205A/B - AP WORLD HISTORY**

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Diploma Category: World History

*Prerequisite: None*

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

This is a college level yearlong course designed to develop a greater understanding of global history, the study of human interactions and their consequences throughout history. This class begins its study in 1200 CE and ends with an investigation of present-day global relations. This is a demanding course with a significant homework requirement.

### **SSM401A/B – AP EUROPEAN HISTORY**

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Diploma Category: World History

*Prerequisite: None*

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Notes: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

Study will begin with the Renaissance, focus on major events and conclude with modern times. Because of the emphasis on preparation for the AP Exam and the resulting potential college credit, work levels will be more demanding and only motivated students should take this class. AP European History is an accelerated class that prepares the student to take the AP European History test in the spring. This is a demanding course with a significant homework requirement.

### **APH200A/B - AP UNITED STATES HISTORY**

Length / Credit: Full Year / 1.0

Grade: 11

Diploma Category: US History

*Prerequisite: None*

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

The AP Program in United States History is designed to provide students with analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. This program prepares students for immediate and advanced college courses by making demands upon them equivalent to those in full-year introductory college courses. This accelerated survey course will cover topics from the Age of Discovery to the present. This is a demanding course with a significant homework requirement.

### **SSG422A/B - AP US GOVERNMENT & POLITICS**

Length / Credit: Full Year / 1.0

Grade: 12

Diploma Category: .5 Civics and .5 Contemporary World Problems

*Prerequisite: None*

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

This course provides both a study of broad, general concepts of the United States political system, as well as the analysis of specific case studies. Basic concepts include the Constitutional basis of the US Government, political ideals and behaviors, the political party system, institutions of the national government, public policy and civil rights/liberties. Emphasis is placed on critical thinking skills, essay writing and interpretation of original documents. This is a demanding course with a significant homework requirement.

### **SSA400A/B - AP ART HISTORY**

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Diploma Category: Flexible Credit

*Prerequisite: None*

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

Advanced Placement Art History is a challenging and exciting course for students. The class is designed to introduce students to the understanding, appreciation, and enjoyment of works of art. The class study begins with the ancient world and continues through the current day. We will cover the development of artistic styles, major movements and figures, mediums and techniques, architecture, and make relevant historical connections.

### **APP100A/B - AP PSYCHOLOGY**

Length / Credit: Full Year / 1.0

Grade: 9, 10, 11, 12

Diploma Category: CTE or Flexible Credit

*Prerequisite: None*

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students may take the corresponding AP exam in the spring for potential college credit. See your counselor or teacher for more information.*

The Advanced Placement Psychology course is designed to introduce students to the systematic and scientific study of human mental processes and behavior. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology (such as: history and

## TECHNOLOGY

### **VJP300A/B - AP COMPUTER SCIENCE A**

Length/Credit: Full Year/1 Credit

Grades: 9, 10, 11, 12

Diploma Category: Career & Technical Education, 3<sup>rd</sup> credit of Math, 3<sup>rd</sup> credit of Science

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students are encouraged to take the AP Computer Science A test in the spring for potential college credit.*

This course introduces students to object oriented programming by teaching fundamental computer science concepts using the Java language. The curriculum mirrors the CSE 142 and 143 classes at University of Washington. Students are challenged to solve problems in new ways through procedural decomposition. Students will learn definite and indefinite looping, using varying data types, crafting methods with parameters and return values, branching with conditional execution, reading and writing to files, managing arrays and other collections, crafting classes and interfaces, optimizing searching and sorting procedures, and evaluating advanced recursive algorithms.



## WORLD LANGUAGES

### **WLF410A/B - AP FRENCH**

### **WLG450A/B - AP GERMAN**

### **WLS410A/B - AP SPANISH**

### **WLJ500A/B - AP JAPANESE**

Length/Credit: Full Year/1 Credit

Grades: 10, 11, 12

Diploma Category: Flexible Credit

*Prerequisite: Completion of the 350-level course of the selected language.*

*Fees: Optional for students choosing to take the AP exam in the Spring. Financial aid available, please see your counselor.*

*Other Info: Students are encouraged to take the AP French Language & Culture, or AP German Language & Culture, AP Japanese Language & Culture or AP Spanish Language & Culture exam in the spring for potential college credit.*

The AP curriculum focuses on interpersonal, interpretive, and presentational skills about global topics in French, German, Japanese, or Spanish. Students will be prepared for success on the AP exam in May and overall fluency in the respective language. Each class is conducted entirely in French, German, Japanese, or Spanish. The five Cs of language learning (Communication, Connections, Cultures, Comparisons, and Communities) will be practiced regularly as students become familiar with the six themes of the AP Language and Culture course. The themes are as follows: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students' language skills will be ameliorated by writing regularly in a variety of formats, participating in class and small group discussions, listening to French, German, Japanese, or Spanish-language music and news stories and reading texts from the French, German, Japanese, or Spanish-speaking world.

## LEARN MORE ABOUT ADVANCED PLACEMENT AT WHS

### **WOODINVILLE HIGH SCHOOL**

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***See the WHS 2023-24 Course Catalog for further details***

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